



- » I13 D Ex tD A22 Tx IP66
- » TÜV NORD Statement Conformity Number TÜV 05 ATEX 2768X
- » Equipment and protective system intended for use in potentially explosive atmospheres [Zone 22] - Directive 94/9/EC
- » Compliance with Essential Health and Safety Requirements
- » IEC 60079-10-2

# MVE STANDARD RANGE



## 6 POLES - 1000/1200 rpm



Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS							CERTIFICATE		
								Input Power (kW)		Nominal Current A max. (Y)		Ia / In		Cable Gland	Class II Div.2	Ex I13D	
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	Temp. Class	Temp. Class	
9.49	6.59	MVE 50/1	MVE 50/12	53	53	10.4		0.12	0.14	0.40	0.50	2.00	2.00	M20	T4	100°C	
18.80	13.18	MVE 100/1	MVE 100/12	105	106	12.2		0.12	0.14	0.40	0.50	2.00	2.00	M20	T4	100°C	
33.49	23.38	MVE 200/1	MVE 200/12	187	188	19.6		0.18	0.21	0.53	0.51	2.00	2.00	M20	T4	100°C	
56.93	39.85	MVE 300/1	MVE 300/12	318	320	26.6		0.35	0.38	0.67	0.64	2.50	2.50	M20	T4	100°C	
91.88	64.32	MVE 500/1	MVE 500/12	513	517	34.0		0.35	0.40	1.20	1.15	2.80	2.70	M20	T4	100°C	
91.88	91.88	MVE 510/1	MVE 510/12	513	739	34.5		0.35	0.40	1.20	1.15	2.80	2.70	M20	T4	100°C	
137.37	108.58	MVE 800/1	MVE 800/12	767	873	61.8	59.4	0.68	0.76	1.29	1.26	2.80	2.80	M25	T4	135°C	
187.69	137.31	MVE 1100/1	MVE 1100/12	1048	1104	79.4	73.0	0.75	0.80	1.42	1.32	3.20	3.10	M25	T4	135°C	
284.76	196.51	MVE 1500/1	MVE 1500/12	1590	1580	83.6	76.5	1.10	1.30	2.10	2.00	3.30	3.30	M25	T4	135°C	
299.63	203.47	MVE 1600/1	MVE 1600/12	1673	1636	99.8	89.0	1.10	1.30	2.83	3.22	3.70	3.60	M25	T4	135°C	
373.05	248.74	MVE 2100/1	MVE 2100/12	2083	2000	114.3	100.5	1.50	1.80	3.00	3.00	4.30	4.40	M25	T4	135°C	
467.44	306.70	MVE 2600/1	MVE 2600/12	2610	2466	148.6	131.5	1.96	2.10	3.63	3.38	4.80	4.80	M32	T4	135°C	
540.33	379.71	MVE 3000/1	MVE 3000/12	3017	3053	155.4	137.8	2.20	2.40	4.50	4.30	5.00	5.00	M32	T4	135°C	
939.60	657.90	MVE 5210/1	MVE 5210/12	5237	5290	225	191	3.80	4	6.92	6.36	5.50	5.50	M25	T4	135°C	
680.38	437.41	MVE 3800/1	MVE 3800/12	3799	3517	215.6	194.8	2.50	3.00	4.67	4.88	5.90	6.00	M32	T4	135°C	
838.34	584.17	MVE 4700/1	MVE 4700/12	4681	4697	230.8	212.4	3.20	3.90	6.50	6.00	5.50	5.70	M32	T4	135°C	
929.86	654.57	MVE 5200/1	MVE 5200/12	5192	5263	279.8	264.2	3.80	4.00	6.92	6.36	5.50	5.50	M32	T4	135°C	
1165.19	823.96	MVE 6500/1	MVE 6500/12	6506	6625	304.4	280.7	4.30	5.00	7.76	7.81	6.20	6.00	M32	T4	135°C	
										<b>A max. (Δ)</b>							
1435.98	929.80	MVE 8000/1	MVE 8000/12	8018	7476	325.2	290	7.10	7.50	12.60	11.60	6.00	6.20	M32	T4	135°C	
1600.39	1165.23	MVE 9000/1	MVE 9000/12	8936	9369	337.8	307.6	7.50	8.30	13.20	12.60	6.30	6.20	M32	T4	135°C	
1788.44	1239.98	MVE 10000/1	MVE 10000/12	9986	9970	385.8	359.3	7.60	8.00	13.50	12.70	6.40	6.40	M32	T4	135°C	
2329.84	1647.42	MVE 13000/1	MVE 13000/12	13009	13246	422.2	375.6	10.00	10.00	17.00	16.00	6.20	6.3	M32	T4	135°C	
2253	1550	MVE 12000/1	MVE 12000/12	12580	12466	522	476	7.99	9.50	15.00	15.00	5	5.5	M32	-	135°C	
2634	1856	MVE 15000/1	MVE 15000/12	14706	14923	672	630	10.09	12.00	18.00	18.00	5.8	5.8	M32	-	135°C	
3220	2147	MVE 17500/1	MVE 17500/12	17980	17264	744	684	11.92	14.20	21.00	21.00	5.6	5.9	M32	-	135°C	
3632	2525	MVE 19500/1	MVE 19500/12	20285	20299	768	728	11.96	14.50	24.00	24.00	5.4	5.6	M32	-	135°C	
4067	2622	MVE 22000/1	MVE 22000/12	22711	21079	916	868	13.95	17.00	28.00	28.00	4.8	5.3	M32	-	135°C	
4572	3163	MVE 25000/1	MVE 25000/12	25532	25432	994	937	13.95	17.00	28.00	28.00	4.8	5.3	M32	-	135°C	



UP TO SIZE 60 (NOT INCLUDED)  
60Hz masses = 50Hz masses adjusted at 70%



ABOVE SIZE 60 (INCLUDED)  
Specific masses for 60Hz

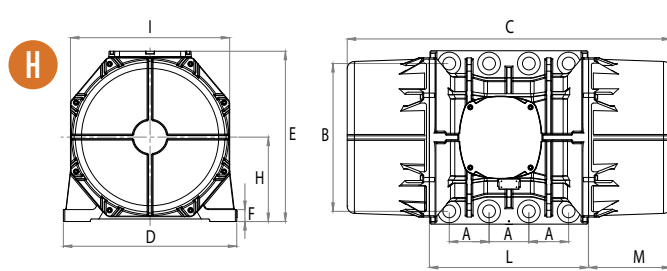
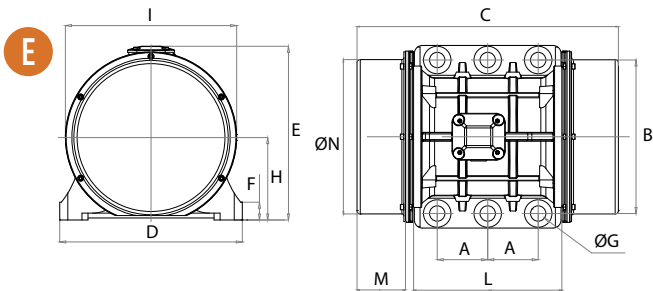
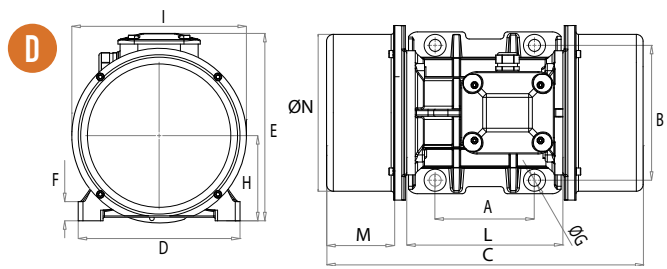
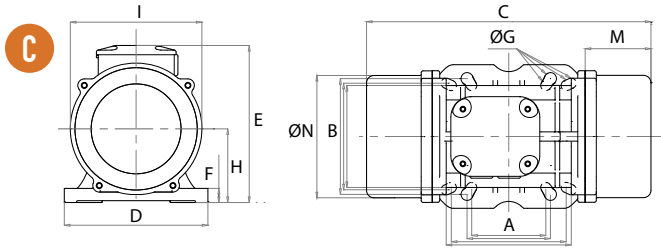
To convert kg into Newton:  $N = 9.81 \cdot kg$



» Declaration of conformity "type B" according to:  
2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1



» Class II Div.2 Group F, G - T4 - NEMA 4  
» Conform to UL 1836, UL1004-1 Cert. CSA C22.2 N. 25, 100, 145  
» Intertek ETL - SEMCO File Number 3177001



DIMENSIONAL SPECIFICATIONS (mm)

Model		Drawing	Size	C		M		A	B	ØG	Holes	D	E	F	H	I	L	N
				50Hz	60Hz	50Hz	60Hz											
MVE 50/1	MVE 50/12	C	30	273		55		Multiple Footprint			4	154	175	15	79	142	163	131
			80		110		11											
			90		125		13											
			124		110		11											
MVE 100/1	MVE 100/12	C	30	303		70		135 115 11			4	154	175	15	79	142	163	131
			510		446		129		96									
			562		510		154		129									
			556		522		140		123									
MVE 200/1	MVE 200/12	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 300/1	MVE 300/12	D	50	391		93		120	170	17	4	208	210	22	94	180	205	170
MVE 500/1	MVE 500/12	D	50	451		123		120	170	17	4	208	210	22	94	180	205	170
MVE 510/1	MVE 510/12	D	50	451		123		120	170	17	4	208	210	22	94	180	205	170
MVE 800/1	MVE 800/12	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222
MVE 1100/1	MVE 1100/12	D	60	510	446	129	96	140	190	17	4	229	262	30	120	247	220	222
MVE 1500/1	MVE 1500/12	D	60	562	510	154	129	140	190	17	4	229	262	30	120	247	220	222
MVE 1600/1	MVE 1600/12	D	70	556	522	140	123	155	225	22	4	272	295	40	140	267	250	235
MVE 2100/1	MVE 2100/12	D	70	616	556	170	140	155	225	22	4	272	295	40	140	267	250	235
MVE 2600/1	MVE 2600/12	D	75	708	588	200	140	155	255	23.5	4	302	318	35	147	295	273	264
MVE 3000/1	MVE 3000/12	D	75	708	608	200	150	155	255	23.5	4	302	318	35	147	295	273	264
MVE 5210/1	MVE 5210/12	E	78	794		242		105	248	22	6	300	335	30	163	305	310	284
MVE 3800/1	MVE 3800/12	D	80	683	603	170	130	180	280	26	4	332	360	37	167	345	304	310
MVE 4700/1	MVE 4700/12	D	80	733	683	195	170	180	280	26	4	332	360	37	167	345	304	310
MVE 5200/1	MVE 5200/12	D	85	688	605	160	120	200	320	28	4	378	411	49	200	424	325	378
MVE 6500/1	MVE 6500/12	D	85	688		160		200	320	28	4	378	411	49	200	424	325	378
MVE 8000/1	MVE 8000/12	D	85	788	688	210	160	200	320	28	4	378	411	49	200	424	325	378
MVE 9000/1	MVE 9000/12	D	85	788	688	210	160	200	320	39	4	378	411	49	200	424	325	378
MVE 10000/1	MVE 10000/12	E	90	826		210		125	380	39	6	452	430	44	204	422	367	378
MVE 13000/1	MVE 13000/12	E	90	926	826	260	210	125	380	39	6	452	430	44	204	422	367	378
MVE 12000/1	MVE 12000/12	E	100	1020		275		140	440	45	6	530	484	37	232	446	470	424
MVE 15000/1	MVE 15000/12	H	105	980		210		140	480	45	8	570	542	48	268	510	560	490
MVE 17500/1	MVE 17500/12	H	105	1060		250		140	480	45	8	570	542	48	268	510	560	490
MVE 19500/1	MVE 19500/12	H	105	1060		250		140	480	45	8	570	542	48	268	510	560	490
MVE 22000/1	MVE 22000/12	H	110	1130		285		140	520	45	8	610	594	42	297	560	560	530
MVE 25000/1	MVE 25000/12	H	110	1130		285		140	520	45	8	610	594	42	297	560	560	530

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1